

JSD AMPHIBIAN CURRICULUM

Alaska Content Standards

Science A(1)

Students develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations and defend scientific arguments.

Science A(3)

Students develop an understanding that culture, local knowledge, history, and interaction with the environment contribute to the development of scientific knowledge, and local applications provide opportunity for understanding scientific concepts and global issues.

Science C(2)

Students develop an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms.

Science C(3)

Students develop an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy.

Science E(1)

Students develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events.

English/Language Arts A(1-6, 8)

A student should be able to speak and write well for a variety of purposes and audiences.

A student who meets the content standard should:

1. apply elements of effective writing and speaking; these elements include ideas, organization, vocabulary, sentence structure, and personal style;
2. in writing, demonstrate skills in sentence and paragraph structure, including grammar, spelling, capitalization, and punctuation;
3. in speaking, demonstrate skills in volume, intonation, and clarity;
4. write and speak well to inform, to describe, to entertain, to persuade, and to clarify thinking in a variety of formats, including technical communication;
5. revise, edit, and publish the student's own writing as appropriate;
6. when appropriate, use visual techniques to communicate ideas; these techniques may include role playing, body language, mime, sign language, graphics, Braille, art, and dance;
8. evaluate the student's own speaking and writing and that of others using high standards.

English/Language Arts B(1-3)

A student should be a competent and thoughtful reader, listener, and viewer of literature, technical materials, and a variety of other information.

A student who meets the content standard should:

1. comprehend meaning from written text and oral and visual information by applying a variety of reading, listening, and viewing strategies; these strategies include phonic, context, and vocabulary cues in reading, critical viewing, and active listening;
2. reflect on, analyze, and evaluate a variety of oral, written, and visual information and experiences, including discussions, lectures, art, movies, television, technical materials, and literature; and
3. relate what the student views, reads, and hears to practical purposes in the student's own life, to the world outside, and to other texts and experiences.

English/Language Arts E(1-4)

A student should understand and respect the perspectives of others in order to communicate effectively.

A student who meets the content standard should:

1. use information, both oral and written, and literature of many types and cultures to understand self and others;
2. evaluate content from the speaker's or author's perspective;
3. recognize bias in all forms of communication; and
4. recognize the communication styles of different cultures and their possible effects on others.